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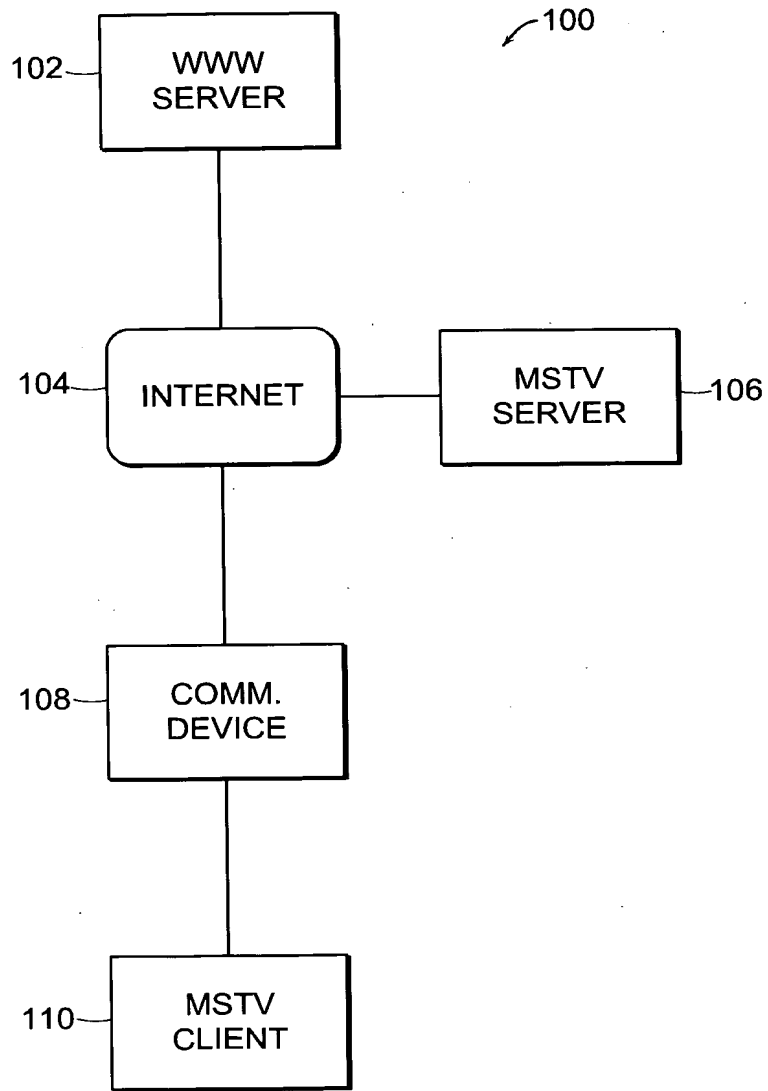


FIG. 1

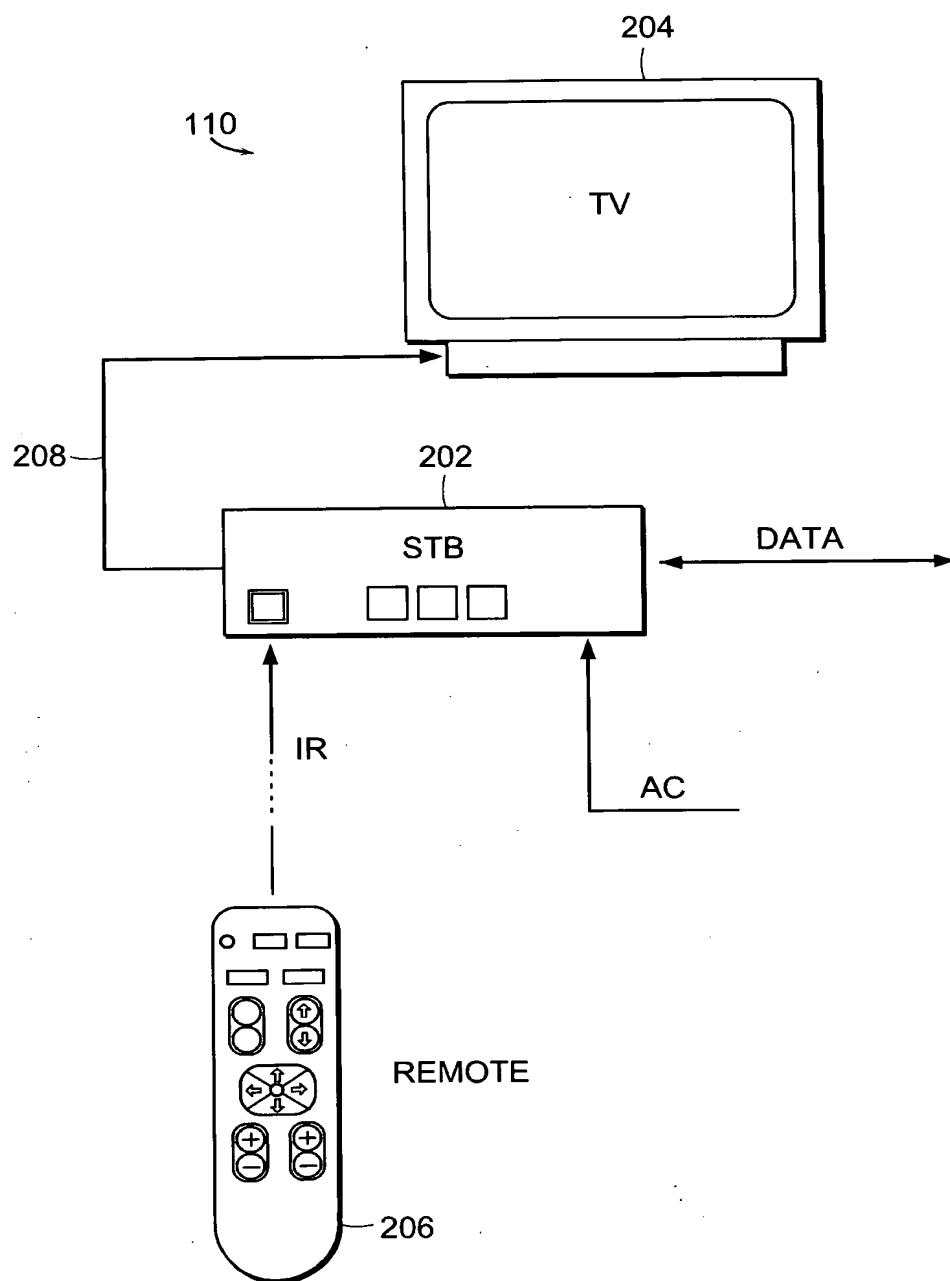
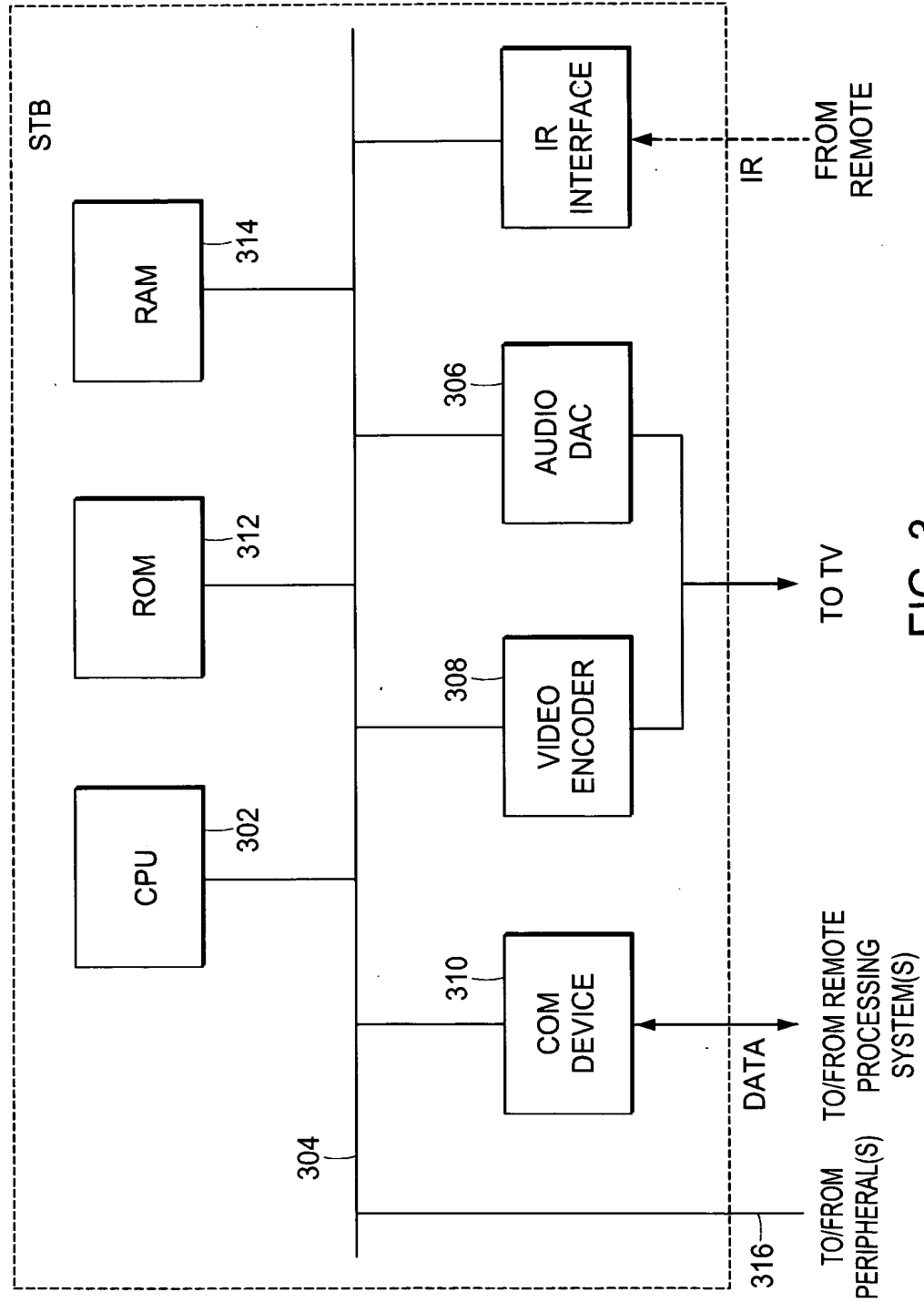


FIG. 2

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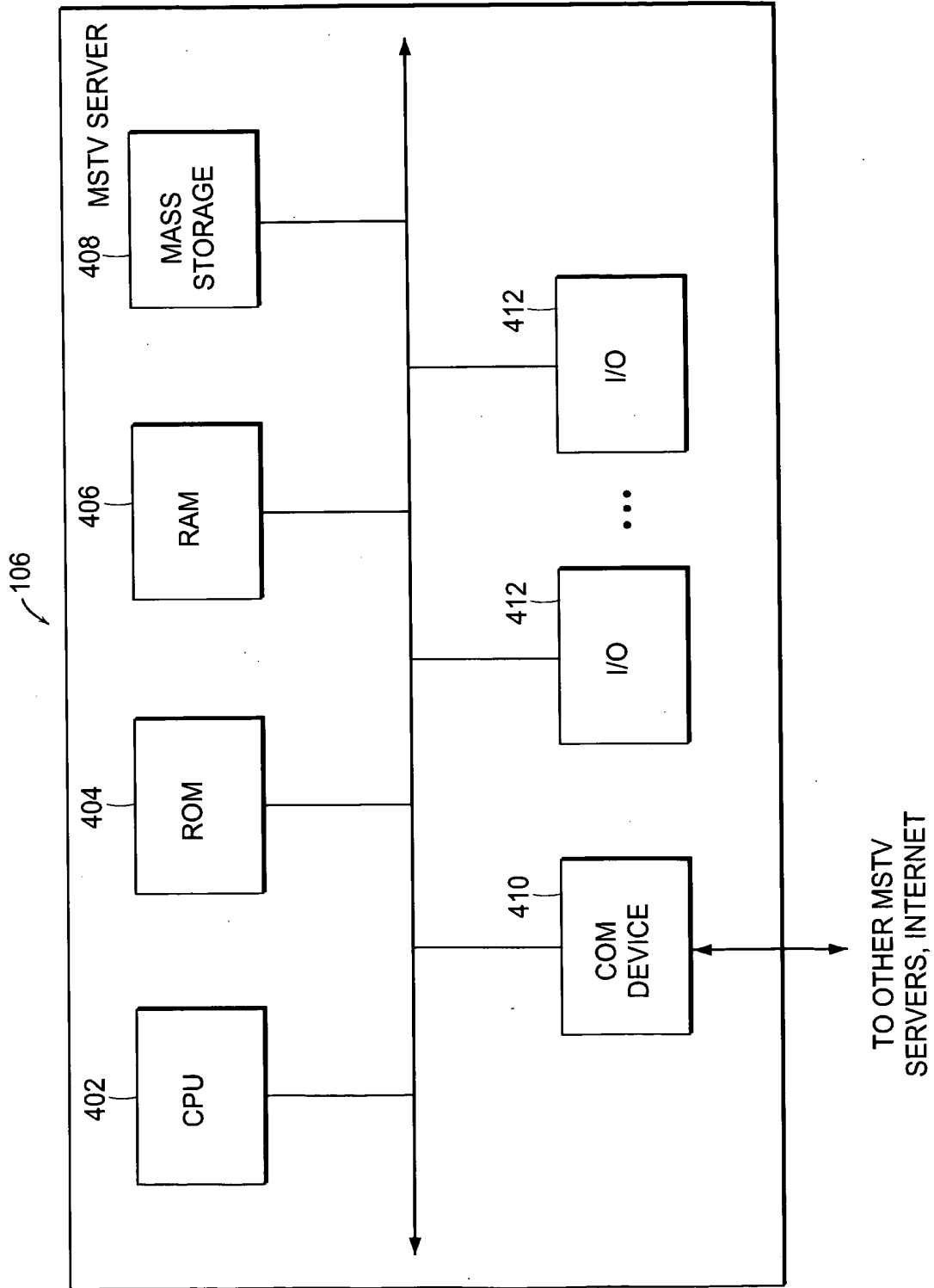


FIG. 4

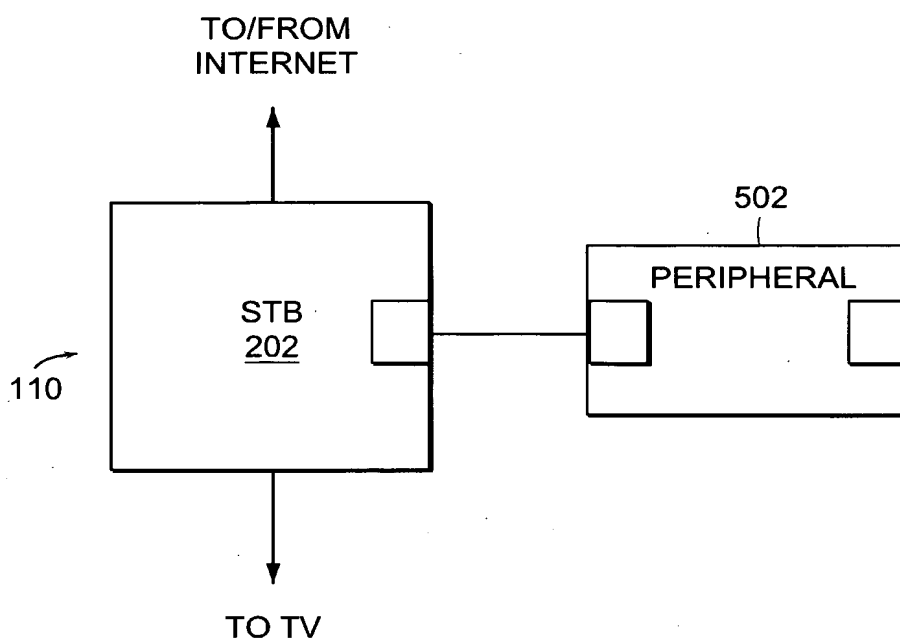


FIG. 5

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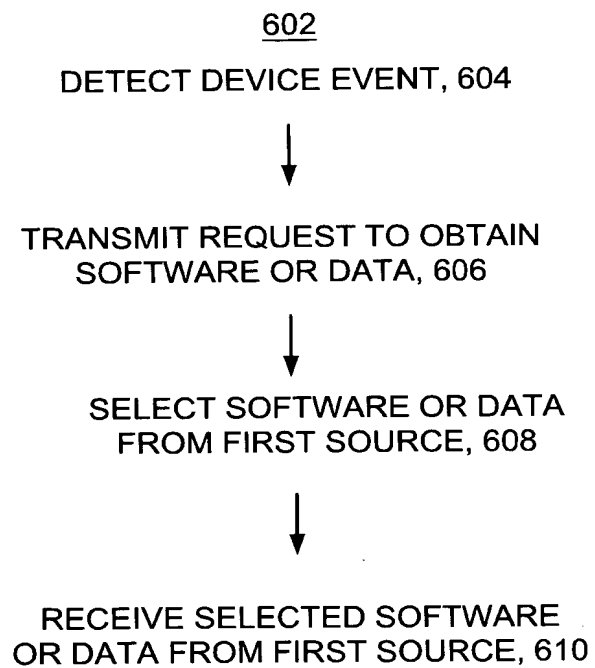


FIG. 6A

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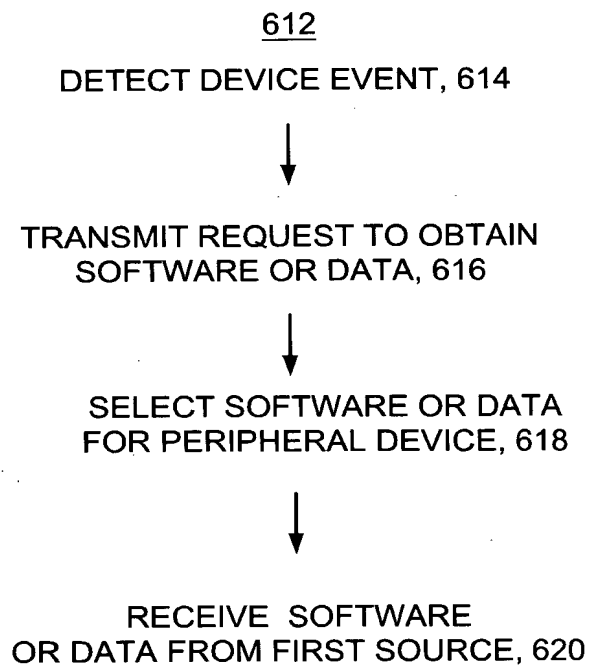


FIG. 6B

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622

DETECT DEVICE EVENT, 624



EXECUTE CORRESPONDING FUNCTION, 625

FIG. 6C

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T090T" T2E8T660

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626

RECEIVE PERIPHERAL DEVICE SIGNAL, 628



PROCESS SIGNAL TO GENERATE
INTERMEDIARY SIGNAL, 630



TRANSMIT INTERMEDIARY SIGNAL
TO DIGITAL PROCESSING SYSTEM, 632

FIG. 6D

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"FEB 16 60"

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634

RECEIVE PERIPHERAL DEVICE SIGNAL, 636



PROCESS PERIPHERAL DEVICE SIGNAL, 638



EXECUTE CORRESPONDING FUNCTION, 640



OPEN COMMUNICATIONS CHANNEL BETWEEN
CLIENT AND DATA/SOFTWARE SOURCE, 642

FIG. 6E

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CLIENT

SERVER

DETECT INSTALLATION OR OTHER
EVENT FROM PERIPHERAL DEVICE, 644



DETERMINE BROWSER CONTENT
AND/OR CONTROL REQUIRED, 646



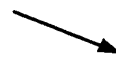
INSTRUCT BROWSER TO NAVIGATE
TO E-COMMERCE OR OTHER URL, 648



PROMPT USER AS REQUIRED, 650



TRANSMIT E-COMMERCE OR
OTHER DATA TO SERVER, 652



RECEIVE E-COMMERCE OR
OTHER DATA FROM CLIENT, 654



DETERMINE APPROPRIATE
RESPONSE, 656



DOWNLOAD E-COMMERCE OR
OTHER DATA TO CLIENT, 658



RECEIVE E-COMMERCE OR
OTHER DATA FROM SERVER, 660

FIG. 6F

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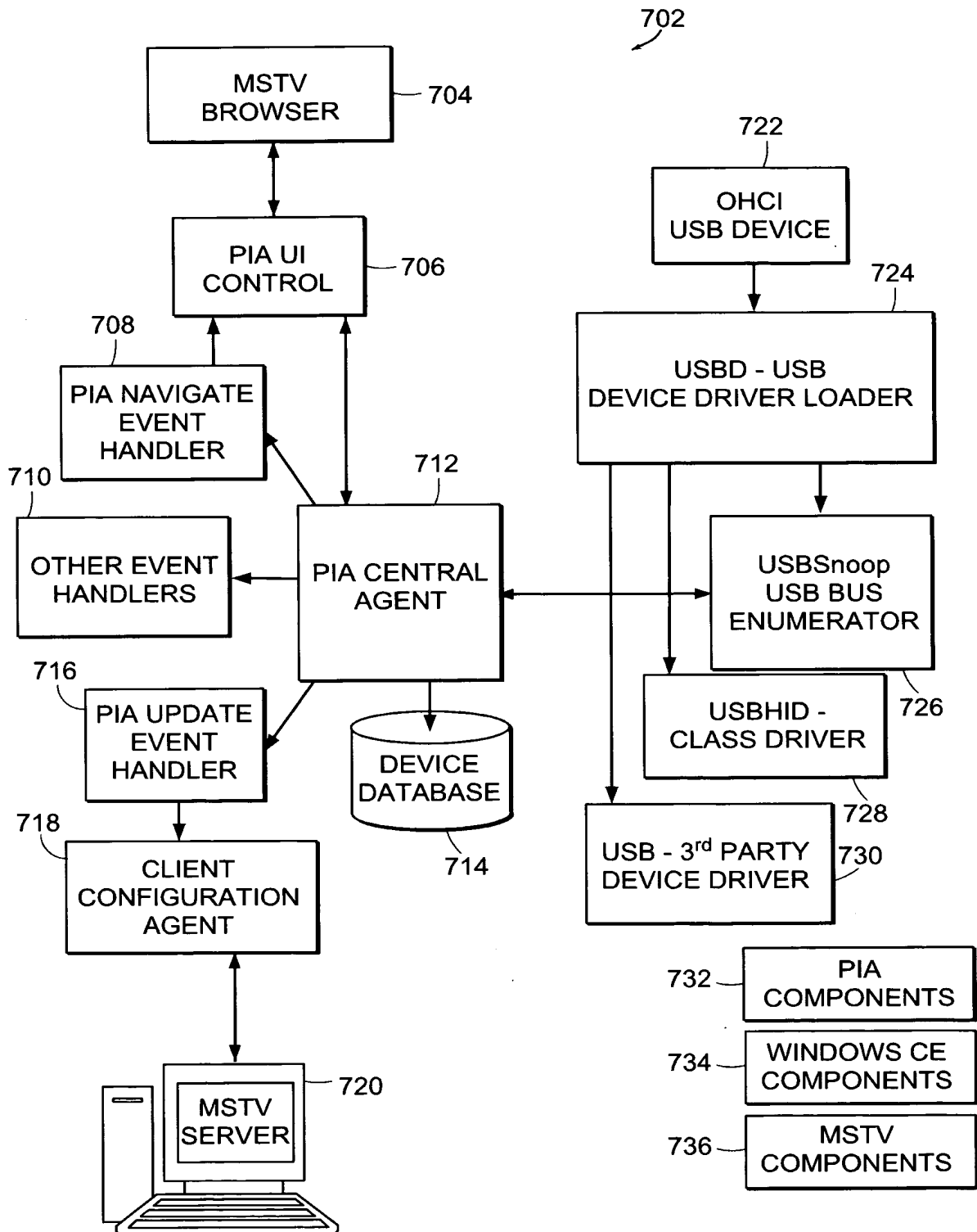


FIG. 7

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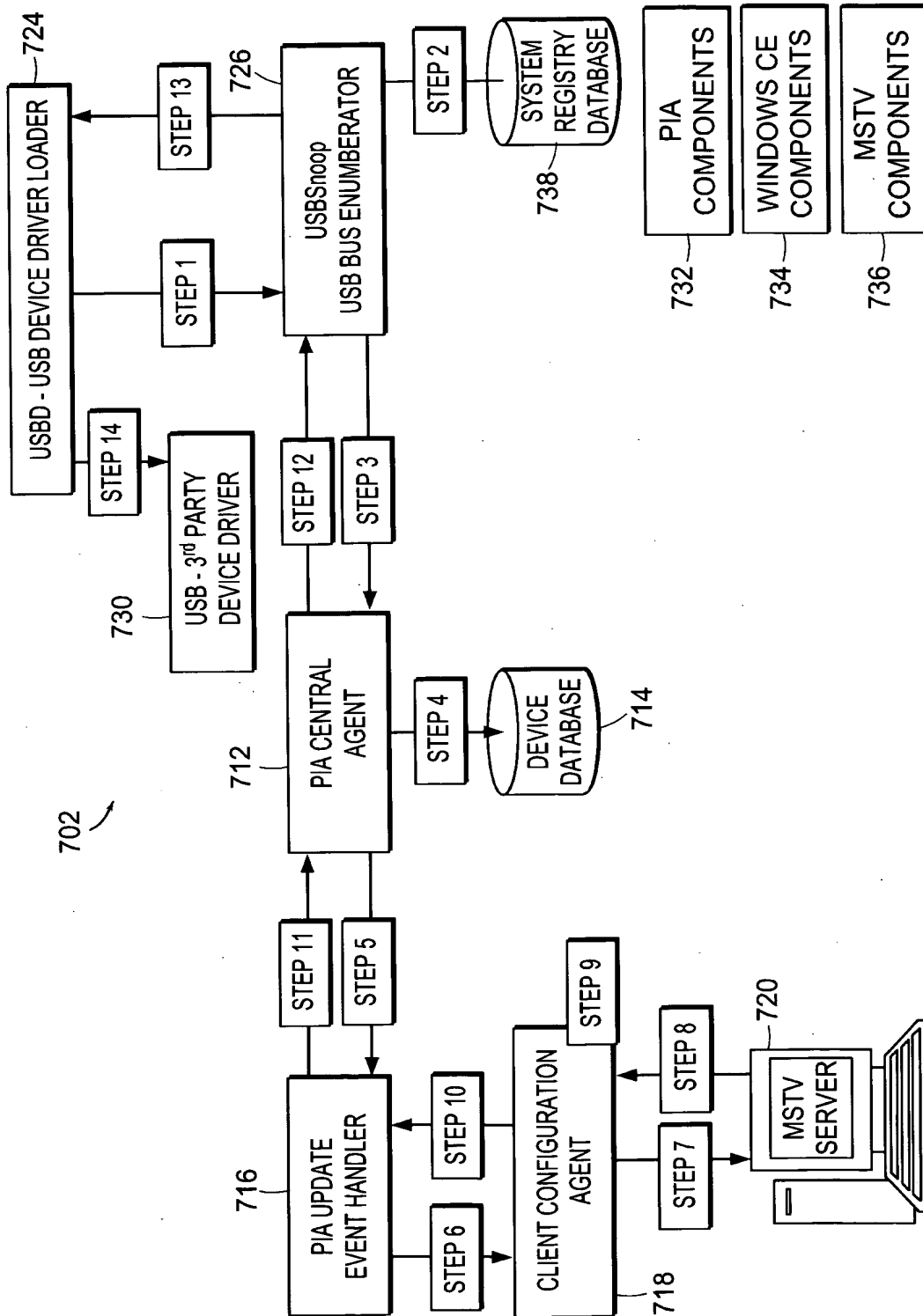


FIG. 8

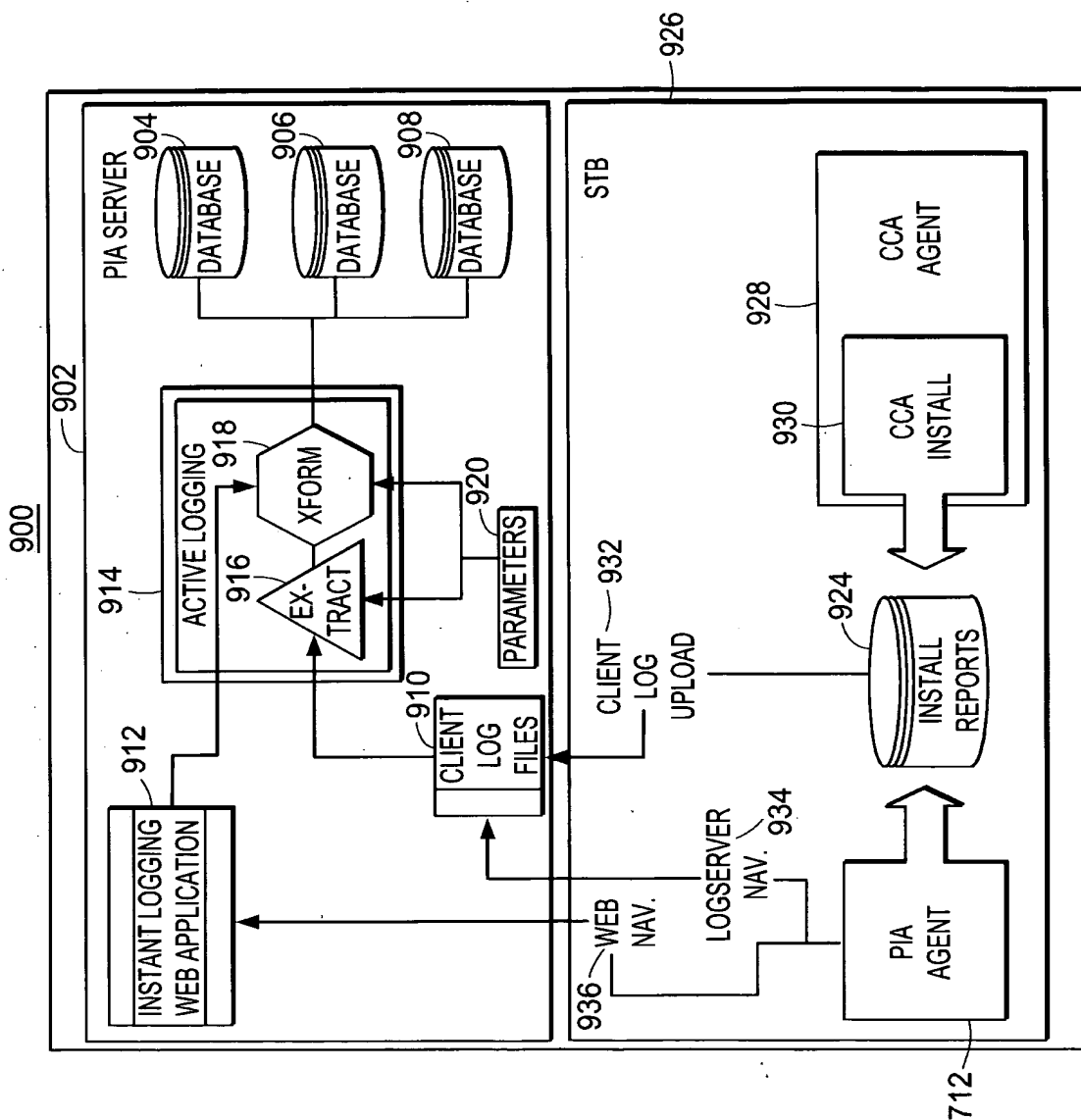


FIG. 9

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NON-INTERACTIVE:

STEP 1: O ADDS ENTRY TO HANDLE *ds*
INSERTION INTO *s* INTO PIADevice.xml.,
AND UPDATES CCS



STEP 2: O PREPARES EXTRACTOR XSL STYLESHEET,
DEFINES HOW STB ID IS TRANSFORMED INTO USER ID,
ADDS OTHER DETAILS *w* NEEDS TO COMPLETE TRANSACTION



STEP 3: CLIENT ASSEMBLES DATA AND MESSAGE
STRUCTURE, SENDS MESSAGE



STEP 4: S RECEIVES MESSAGE AND CREATES USER RECORD



STEP 5: S FORWARDS RECORD TO *E*;
E ENTERS TRANSACTION IN ITS PROCESSOR

INTERACTIVE:

STEP 1: O ADDS ENTRY TO HANDLE *ds*
INSERTION INTO *s* INTO PIADevice.xml.,
AND UPDATES CCS



STEP 2: O PREPARES TRANSFORMER XSL STYLESHEET
(*w*/ URL OF WEBSITE WHERE APPROPRIATE)



STEP 3: PIADevice.xml CONTAINS, FOR *d*'s ACTIVATION ON *s*,
NAVIGATE DIRECTIVE TO DIRECT PACKAGING OF ARGUMENTS;
REQUEST IN HTTP TO WEB SERVER



STEP 4: WEB SERVER CREATES CUSTOMER RECORD, USES XSL TRANSFORMATION
STYLESHEET TO PREPARE RECORD, AND WHERE APPROPRIATE, *w* CONNECTS INTERACTIVE
APPLICATION ON *e* TO *s*, SENDING *e* THE INITIAL DATA IT TRANSFORMED

FIG. 10

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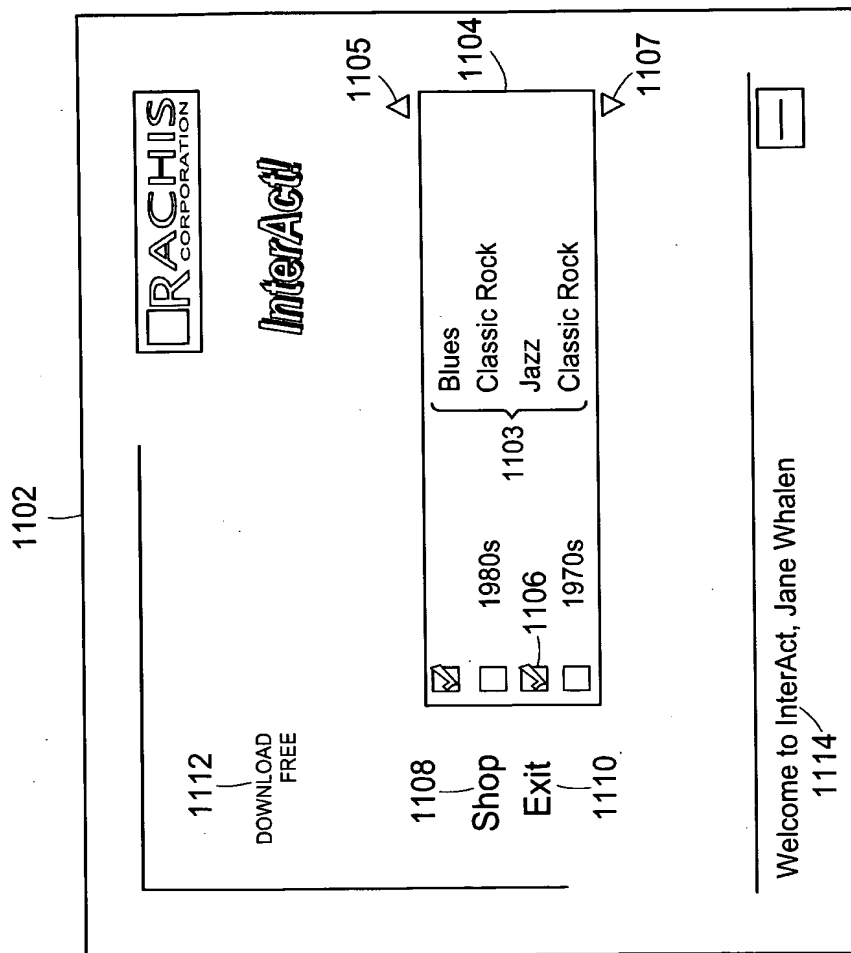


FIG. 11

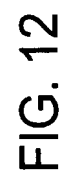


FIG. 12

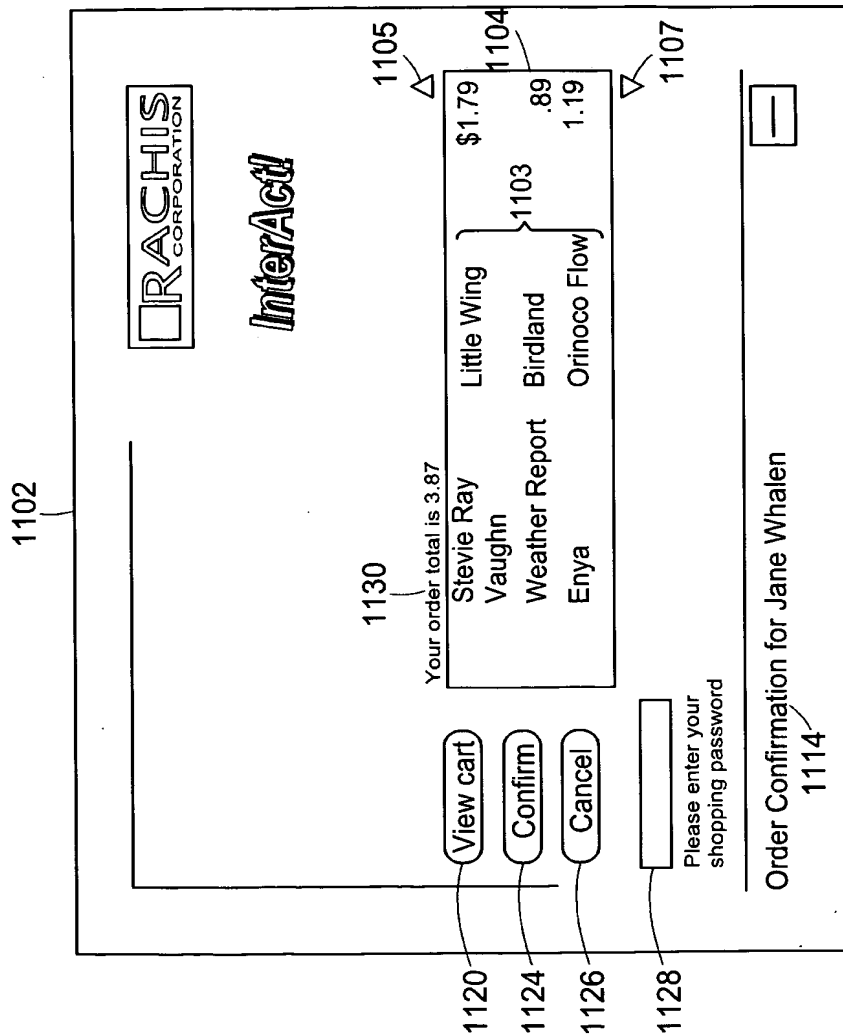


FIG. 13

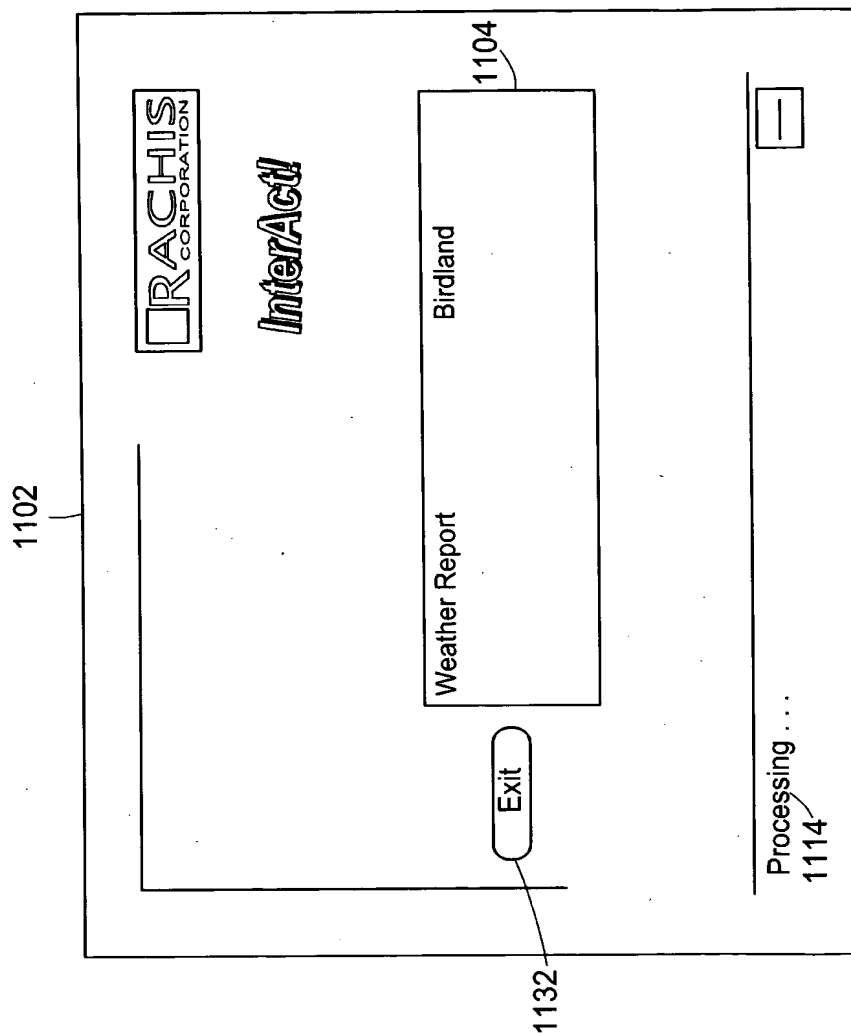


FIG. 14

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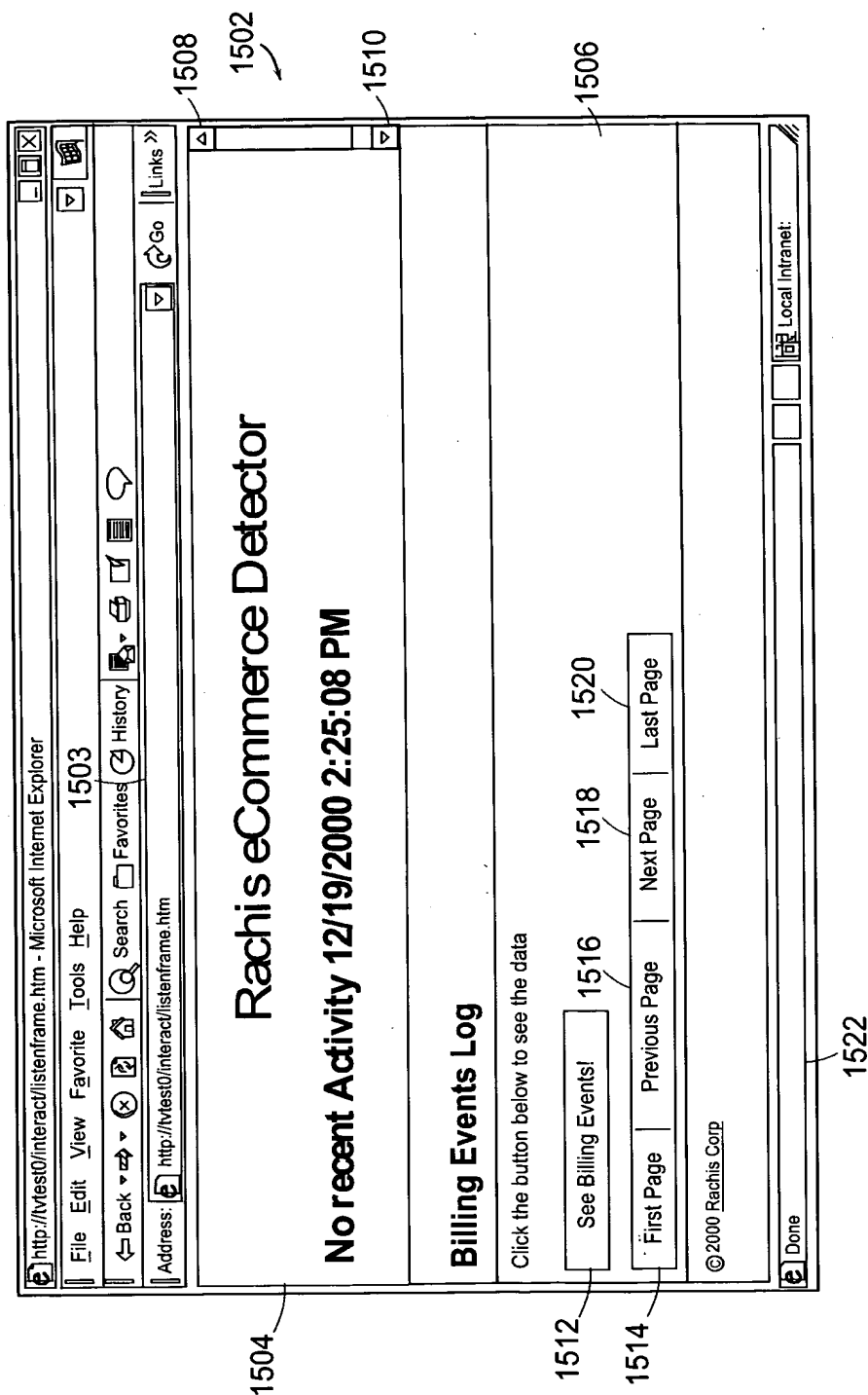


FIG. 15

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1503

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1502

1510

1506

1500

1503


http://tvtest0/interact/listenframe.htm - Microsoft Internet Explorer

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Rachis eCommerce Detector



Check Again

Lin Casals bought a 23 for \$3.25 using 815 on 12/19/2000 1:32:16 PM

Billing Events Log

Click the button below to see the data

See Billing Events!

subscriberid	BillingEventType	Weesa	BillingEventAmount
914BC332-2192-4999-BC60-8367835D5241	27	318	67.309998
914BC332-2192-4999-BC60-8367835D5241	27	239	67.309998
914BC332-2192-4999-BC60-8367835D5241	27	677	67.309998
914BC332-2192-4999-BC60-8367835D5241	16	714	157.7

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Done Local Intranet

FIG. 16